

Code: UF-WIFI-6

ROUTER GPON CPE **UF-WIFI-6** UFiber Wi-Fi 6, 2.4 GHz, 5 GHz, 300 Mbps + 1200 Mbps UBIQUITI

Ubiquiti UF-WIFI-6 is a robust and high-performance GPON CPE device with built-in Wi-Fi router and 4 LAN ports (1 Gb/s). The high performance of the Wi-Fi 6 ensures more connected devices and faster speeds.

The UFiber Wi-Fi 6 can be powered using Passive PoE 24V on port 1 or from 5V DC USB-C power adapter.

Up to 128 UFiber devices can be connected to one GPON port. The UF-WIFI-6 router is compatible only with UFiber OLT devices, supporting GPON links up to 20 km.



Frequency range:	2.4 GHz, 5 GHz ,
Antenna type:	2 x 2 MIMO Omnidirectional antenna - embedded • 1 dBi @ 2.4 GHz • 3 dBi @ 5 GHz
Standards:	• IEEE 802.11 b/g/n/ac/ax, • ITU-G.984
Baud rates:	300 Mbps @ 2.4 GHz + 1200 Mbps @ 5 GHz
LAN ports:	4 x 10/100/1000 Mbps
WAN interface:	1 x port GPON SC/APC, 2.488 Gb/s Downlink / 1.244 Gb/s Uplink
Transmitter power:	< 22 dBm @ 2.4 GHz < 22 dBm @ 5 GHz
Optical power:	• Tx : 0.5 ... 5 dBm • Rx : -28 ... -8 dBm
LED indicators:	Power, LAN, Signal indicator
Firmware update:	✓
Protections:	• WEP, WPA-PSK, WPA-Enterprise (WPA/WPA2/WPA3, TKIP/AES) • NAT network firewall
Management interface:	• Ubiquiti Network Management System, Ubiquiti UISP application • Web browser
Default IP address:	192.168.1.1
Power supply PoE:	Ubiquiti Passive PoE
Power supply:	• 5 V DC / 3 A USB-C (power adapter included) • Passive PoE 24 V - Port 1 ("+" : 4, 5 pins; "-" : 7, 8 pins)

Power consumption:	≤ 11 W
Main features:	• GPON - Gigabit Passive Optical Network - links support : 20 km (max), 1310 nm Tx / 1490 nm Rx • VLAN support • Wi-Fi 6 support - a standard that offers higher speeds, better performance in high-traffic environments • MU-MIMO - a multi-antenna transmission function that allows to increase the bandwidth and reliability of connection with the client of the network • OFDM • Layer 2/3 advanced management features • Available services: Web Server, Telnet, NAT, Bridging, Routing • RESET button • Possibility to mount to the wall
Certificates:	CE, FCC, IC
Operation temp:	-15 °C ... 45 °C
Permissible relative humidity:	10 % ... 90 %
Weight:	0.48 kg
Dimensions:	142 x 141 x 32 mm
Manufacturer / Brand:	UBIQUITI
Guarantee:	2 years